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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,280	01/27/2004	Omri Fishbein	04-4435	3421

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25 WEST 43 STREET
NEW YORK, NY 10036

EXAMINER

NGUYEN, TUYEN T

ART UNIT	PAPER NUMBER
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2832

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/766,280

Applicant(s)

FISHBEIN, OMRI

Examiner

TUYEN T. NGUYEN

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-2 and 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Radtke [US 3,176,253] in view of Waasner et al. [US 4,594,295]

Radtke discloses a transformer core and lamination therefor [figures 1-2] comprising:

- a substantially T-shaped central core member [17] constituted by a crossbar [23] and a post [24]; and
- first and second substantially L-shaped side members [15, 16], each of the side members constituted by a post [18, 19, 21, 22], wherein edges of the side members are formed with notches/cutouts [62, 63, 64, 65] for receiving a clamp for holding the lamination core together.

Radtke discloses the instant claimed invention except for notches formed on the central member and tooth-like projections formed on the side members.

Waasner et al. discloses a lamination core structure [figure 1] for an electromagnetic device comprising:

- a central core member [4], wherein the central core member including notches [9] on each side thereof; and

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- a core element [5], wherein the core element projections [10] cooperating with notches of the central core member.

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to use notches/ projections design of Waasner et al. in the core structure of Radtke for the purpose of providing securing.

Regarding claim 2, Radtke discloses the first side member is substantially a mirror image of the second side member.

Regarding claim 6, Radtke inherently discloses a clamping means.

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Radtke in view of Waasner et al. as applied to claim 1 above, and further in view of Dierstein [US 2,907,966].

Radtke in view of Waasner et al. discloses the instant claimed invention except for matching shoulders formed on the central members and side members.

Dierstein discloses a laminated core structure [figure 5] comprising:

- a central core member [3]; and
- two side members [4].

wherein the central core members and two side members including matching shoulders [48, 49, 50].

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to use matching shoulders design of Dierstein in Radtke, as modified, for the purpose of facilitating assembly.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Onigo [JP 63-076407; Yen [US 6,031,441]; Pikul et al. [US 5,440,286]; Larson et al. [US 5,138,295]; Marriott et al. [US 5,047,745]; Waasner [US 3,587,020]; Brooks [US 2,562,693] and Thordarson [US 1,406,245].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TUYEN T. NGUYEN whose telephone number is 571-272-1996. The examiner can normally be reached on M-F 8:30-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ELVIN ENAD can be reached on 571-272-1990. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TTN TTN

Tuyen T. Nguyen